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A Brief History of Bryology in New Mexico¹

by

Russ Kleinman², Kelly W. Allred³, & Karen S. Blisard⁴

The early history of bryology in New Mexico parallels the chronicles of general botany. The same botanical pioneers who collected early vascular plants also collected small numbers of bryophytes. Here we chronicle the most important and prolific collectors of bryophytes in New Mexico, before and after it became a state in 1912. This information is segregated by decade and is summarized in Graph 1. In addition, the Appendix lists every person who has collected bryophytes in New Mexico for whom data has been uploaded to the Consortium of North American Herbaria (CNABH) before December 29, 2021, along with information regarding the counties, dates, and the herbaria in which their collections have been placed.

The 1840s

The first botanical pioneer to collect bryophytes in New Mexico was **Augustus Fendler** (Stieber and Lange 1973). Fendler was born in Gumbinnen, East Prussia (now Gusev, Russia) in 1813. He came to the United States at the age of 23 after developing a dislike for school, being unable to hold down a steady job, and then wandering through German cities. He lived a hermit's lifestyle and remained nearly penniless in the U.S. for several years until 1844 when he returned to Europe. He heard that he could make a decent living collecting plants in the American southwest and selling sets of specimens to wealthy patrons. He returned to the U.S. and gained the support of Asa Gray, professor at Harvard University. Gray was able to convince the Army to give Fendler free transport west as well as the necessary supplies even while a war with Mexico was underway. Fendler collected plants in the area around Santa Fe, New Mexico, from 1846 to 1847. Among these plants were 71 bryophyte specimens, including both mosses and liverworts. In these early years of his botanical career, Fendler had little actual botanical knowledge and it is not likely that he identified the bryophytes himself. Life in New Mexico was difficult, and Fendler returned east. Although he later traveled to such exotic destinations as Panama, Trinidad and Venezuela, Fendler does not appear to have revisited New Mexico. One species of moss Fendler collected in the Santa Fe area was eventually named in his honor – *Brachytheciastrum fendleri* (Sullivant) Ochyra & Zarnowiec.



Augustus Fendler

The 1850s

Charles Wright (Wikipedia 2021) was born in Connecticut in 1811. Unlike Fendler, Wright took well to schooling and attended Yale University. Wright collected plants for Asa Gray in the 1850's just as Fendler had a few years earlier. Wright joined an Army Expedition west through Texas to El Paso in 1849, and then the Mexican Boundary Survey in 1851. 147 of his bryophyte specimens from New Mexico and the El Paso, Texas, area survive in herbaria today with the majority at the New York Botanical Garden (NY).

¹ Kleinman, R., K.W. Allred, & K.S. Blisard. 2021. A brief history of bryology in New Mexico. The New Mexico Botanist 71: 1-21. https://floraneomexicana.org/the-new-mexico-botanist-newsletter/

² Western New Mexico University, Silver City. sparks@zianet.com

³ Professor Emeritus, New Mexico State University, Las Cruces. kla49@outlook.com

⁴ Silver City, New Mexico. kblisard@hotmail.com

Harvard (FH), and Drexel University (PH). It is unfortunate that most of these specimens have become separated from any information regarding the exact locations and dates of their collection, making it difficult to ascertain even whether they were collected in present-day Texas or New Mexico. Apparently, Wright did not collect liverworts as all of his specimens from this area are mosses. (CNABH 2021)



Charles Wright

The 1860s-1880s

Several notable botanists visited New Mexico in the mid- to late 1800's and collected bryophytes while usually also collecting vascular plant specimens. Among these was the British self-taught botanist **Edward Palmer** (Wikipedia 2021), who is notable for having collected over 100,000 plant specimens and also for his contributions to archeology of the American southwest. **Thomas P. James** (Rothrock 1882) and **William S. Sullivant** (Gray 1875) were both well-known botanists of their time with a specialty in bryology who collected here in the 1850s and 1860s. Sullivant wrote the influential and illustrated *Icones Muscorum* which described the mosses of eastern North America. **Charles Leo Lesquereux**, who also collected small numbers of mosses around this time in New Mexico, finished Sullivant's *Manual of Mosses of North America* along with James after Sullivant's death. The modern-day American Bryological and Lichenological Society (ABLS) was initially established as the Sullivant Moss Society, which in turn owes its existence to a loose group of nature-related societies called the Agassiz Association, and the efforts of A.J. Grout and Grout's mentor Mrs. Elizabeth Gertrude Knight Britton (Conard 1947). **William G. Farlow** (Friends of the Farlow 2021) is another of the famous botanists who collected small numbers of bryophytes in New Mexico in the 1880s. Farlow taught cryptogamic botany at Harvard around that time. His personal botanical collections formed the beginning of the herbarium at Harvard University, now called the Farlow Herbarium in his honor.



E. Palmer



T P James



W.S. Sullivant



C.L. Lesquereux



W.G. Farlow

The 1890s

Collections of mosses and liverworts continued on a small scale throughout most of the 19th century. Most of these specimens are attributed to scientists who traveled to New Mexico from out of state, but did not establish residence. This all changed in 1890 with the arrival of **Elmer Ottis Wooton** (Allred 1990). Wooton arrived from Indiana fresh out of school to begin an appointment at the New Mexico College of Agriculture and Mechanic Arts in Las Cruces, New Mexico, as Professor of Chemistry and Botany. Wooton was a prodigious collector and crisscrossed New Mexico collecting plants. His bryophyte collections were nearly all from southern New Mexico, mostly from Lincoln and Otero Counties, with a few collections from the Mogollon Mountains and the Socorro area. **Paul C. Standley** (Williams, 1963) was one of Wooton's students—he and Wooton together account for the majority of bryophyte collections

from the years 1890 to 1910 currently in North American herbaria. Their bryophyte collections numbered in the hundreds of specimens, in contrast to the few dozen collections made by all who had come to New Mexico before them. When he arrived, Wooton established one of the first herbaria in the state. Wooton's herbarium would eventually house both vascular plants and bryophytes at the college in Las Cruces. At about the same time, the University of New Mexico (UNM) was founded. The first herbarium at UNM, which was started by Clarence Herrick, unfortunately burned down. It was re-established by Edward Castetter in 1928 and now also houses both vascular plants and bryophytes.





O. Wooton

P.C. Standley

The 1900s

Orrick Baylor Metcalfe lived in Mangas Springs and Silver City. Like Standley, Metcalfe was a student of Wooton's. Metcalfe collected bryophytes in 1903 mainly from the Mogollon Mountains, the West Fork of the Gila River, and the Black Range. Much of this area would soon form the Gila National Forest, which was established in 1905. Metcalfe apparently died as a result of a mining accident in 1936. **Bohumil Shimek** (Conard 2021), who became the head of botany at the University of Iowa, collected bryophytes in the Cloudcroft area in the first few years of the 20th century.



B. Shimek

The 1910s

In 1911, **John M. Holzinger** (Wikipedia 2021) collected 134 bryophyte specimens from Grant County, New Mexico. Most of these collections were from the G O S Ranch in the upper Mimbres Valley, and from East Canyon, which was nearby in the Black Range. Holzinger was born in Germany, but went to college in Michigan. He was considered an expert on the bryophytes of Colorado and became the Sullivant Moss Society's third president.

In 1912 New Mexico achieved statehood. In the few years between 1912 and the entrance of the U.S. into World War I in 1918, Paul Standley was nearly the only botanist who collected bryophytes in New Mexico. During the period of United States involvement in World War I, from 1918 to 1919, there was almost no bryological collecting activity in New Mexico whatsoever. Only 5 specimens can be found in North American herbaria that were collected from the state during these two years.



J.M. Holzinger

The 1920s-1930s

The great bryologist **Edwin Bunting Bartram** (Crum 1966) collected 171 bryophyte specimens in New Mexico, almost all of them in the Santa Fe environs on a single day in December of 1922. Most of Bartram's worldwide collection of about 75,000 bryophyte

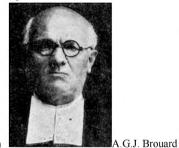
specimens resides at the Farlow Herbarium (FH) at Harvard. Bartram's contribution to bryology in New Mexico was significant not only because he collected in the state himself, but also because he was able to help identify New Mexico bryophyte specimens sent to him by other collectors, including Brother Arsène.

As important as Bartram's contribution to New Mexico bryology was in the 1920s, **Arsène Gustave Joseph Brouard** (Johnson & Johnson 2021) was unquestionably the face of bryology in New Mexico from his arrival in 1926 to his death in 1938. He is perhaps best known simply as "Brother Arsène" because of his affiliation with Brothers of the Christian Schools beginning in France in 1895. He taught in Mexico for about 10 years before having to leave there because of the Mexican Revolution. After short assignments in Baltimore and Louisiana, he came to New Mexico. Brother Arsène, at 60 years of age, was already a well-known and established scientist when he began collecting vascular plants and bryophytes in northern New Mexico near Santa Fe. Most of his collections came from the mountains east of Las Vegas, a town in New Mexico about 65 miles further north. Brother Arsène collected over 1200 bryophyte specimens mostly from these two areas, almost twice as many as had been collected by everyone else combined in the entire state up until his arrival. The large numbers of vascular plant collections that Brother Arsène made in Mexico are also considered to be highly significant contributions to botanical knowledge.

Elbert L. Little, Jr. collected bryophytes in New Mexico from 1934 to 1936. His specimens almost all came from the Jornada Experimental Range (USDA ARS) in the south-central part of the state. The Jornada is a grass and shrub arid rangeland that has been the subject of research for over a century. Little collected about 80 specimens from the Jornada. One specimen that Little found is particularly significant. This minute moss came from the wall of a gypsum sink and was named in Little's honor – initially as *Moenkemeyera littlei* Williams. It is now known as *Fissidens littlei* (Williams) Grout. Little collected this moss several times, the last of which was in 1936. It was not found again until 1998, when Kelly Allred encountered it close to the same location as Little's original specimens. It has not been recorded since then and is not known from any other location (R. Pursell 2013).

Gilford J. Ikenberry (Kleinman et al. 2020) taught at Eastern New Mexico University in Portales, New Mexico, from 1933 to 1937. During these years he collected nearly 500 bryophytes from many areas around New Mexico, and he collected thousands more from several other states over his lifetime. Ikenberry was one of the first botanists to collect at Carlsbad Caverns National Park after it was established in 1930. At about the same time that Brother Arsène was concentrating his efforts in the northern counties (Santa Fe and San Miguel), Ikenberry was collecting in Otero and Lincoln counties as well as spending some time up north in Taos and Albuquerque. Although it seems likely that the two men knew of each other, there is no evidence yet of any collaboration or correspondence between these two contemporaries.









G.J. Ikenberry

The 1940s

World War II lasted worldwide from 1939 to 1945. These war years profoundly interrupted bryological work just as World War I had done in 1918 to 1919. **Eula Whitehouse** collected in Cloudcroft in the Sacramento Mountains in 1942. Much later, in 1954, building on the work of Frederick McAllister, Whitehouse wrote *The Mosses of Texas* (Whitehouse 1954). This was the same year she traveled around the world collecting specimens (Young 2018). **Alton A. Lindsey** (Kleinman et al. 2021), who did not go to war, was an Assistant Professor of Biology at the University of New Mexico from 1942-1947. Lindsey, who earlier had been on Admiral Byrd's second Antarctica expedition, wrote an extensive ecological study of the Grants Lava Bed, which became El Malpais National Monument in 1987. He collected bryophytes as well as vascular plants as part of this work, sending some of his moss specimens to E.B. Bartram for identification. Altogether, there were only 31 bryophyte collections made in New Mexico from 1941 to 1945.



A.A. Lindsey

The 1950s

Following the war, bryological activity in New Mexico resumed slowly and rather sporadically. **Alfred Clebsch** (Fulcher 1997) was active in 1955. Clebsch was born in Bremen, Germany, and was also an avid birdwatcher. **Sam Shushan**, along with **William A. Weber**, collected in 1956. Weber was curator of the University of Colorado Herbarium for many years, and was awarded the 2018 Elizabeth Britton Award for Lifetime Achievement in Bryology (WilliamAWeber.com 2021). **Ron Pursell** collected mostly in Taos and elsewhere in northern New Mexico from 1957 to 1958. He taught botany for 33 years at Penn State. Altogether, only a few hundred specimens of New Mexico bryophytes were added to herbaria during the 1950's. Dale A. Zimmerman arrived at Western New Mexico University in 1957 and established the herbarium there (SNM). It was officially named the "Dale A. Zimmerman Herbarium" in 2003. In 2010, this herbarium became the third in New Mexico to house a bryophyte collection.





R. Pursell

The 1960s

Bryological activity in New Mexico remained low through the 1960s. **Seville Flowers** made a trip to Rio Arriba County in 1960, and made 65 bryophyte collections on that trip. Flowers is best known by all novice bryologists in the west for authoring the generously illustrated *Mosses: Utah and the West* (Flowers 1973). The book was completed after Flowers's death by his friend and prominent Utah botanist Arthur Holmgren. Flowers was not only a notable collector, but he was also an accomplished bryological illustrator, and made all the hundreds of drawings for his book himself. **Frederick J. Hermann** (JSTOR 2021) was a botanist at the University of Michigan and later for the U.S. Department of Agriculture. He collected in 1965 in the Albuquerque area and in 1971 in Taos County. Other distinguished botanists visited the state during the 1960s and made several collections, including **Daniel Norris**, who spent most of his professional career in California. Norris returned in the 1990s and in 2001 with **James Shevock** of the California Academy of Sciences to collect on more than one occasion. Shevock has traveled much of the world collecting bryophytes. He is one of the authors of the book *California Mosses*, along with Norris, and Bill and Nancy Malcolm (Malcolm et al. 2009).





J. Shevock

The 1970s

The 1970s began a strong resurgence in the study of mosses and liverworts that has accelerated and continues now. F.J. Hermann, Daniel Norris, William A. Weber, and several other notable botanists came through New Mexico again and collected bryophytes. **Janice Glime**, currently Professor Emerita of Biological Sciences at Michigan Technological University, collected in northern New Mexico in 1977. She is the author of the comprehensive online book called *Bryophyte Ecology* (Glime 2021). One of the most outstanding

S. Flowers

contributions of the decade to New Mexico bryology was made by **William F. Mahler**, based on the collections of those who went before him, as well as his own 291 collections from the Sangre de Cristo Mountains of north-central New Mexico from 1976-1979 and 90 collections made by **Ken E. Rogers** in 1976 in the Taos area. After nearly 140 years of collecting by dozens of investigators in New Mexico, Mahler published the *Preliminary Checklist of Mosses of New Mexico* (Mahler 1978). It was the first complete accounting of the mosses of the state, although it favored collections from the northern part of the state. Mahler included 156 species, allowing that several were probably misidentifications. Both Mahler and Rogers had ties to the University of Tennessee as well as to the Southern Methodist University herbarium, which became the core of what is now the Botanical Research Institute of Texas (BRIT). Rogers was apparently quite a colorful individual. He worked at the University of Southern Mississippi Herbarium (USMH) from 1968-1973. Quoting from a USMH webpage that has since been taken down: "Dr. Rogers left the University [of Southern Mississippi] in 1973. He was later convicted for marijuana-related offenses and received 15 years in prison, from which he escaped. After a time at the University of Tehran (Iran), he returned to the U.S. under a pseudonym and died in 2017" (USMH 2021). Mahler added more taxa to his list through the 1980s (Mahler 1985). He served as the first director of BRIT, from 1987-1992 (BRIT 2013).



W.F. Mahler

The 1980s

A Preliminary List of Bryophytes from the Organ Mountains, New Mexico was published by Lloyd R. Stark and Richard C. Castetter in The Bryologist in the Autumn 1982 issue (Stark & Castetter 1982). This inventory represented a shift in the philosophy of collecting in New Mexico. It was certainly the first comprehensive list of mosses from a defined region in the southern part of New Mexico. More than that, it represented the start of a subtle shift from mostly out of state collectors visiting New Mexico for a short period of time and collecting specimens, to an emphasis on bryologists who were more commonly residents of the state creating inventories of bryophytes for specific locales. Stark and Castetter collected over 1,000 voucher specimens for their research. Alan Whittemore, who collected extensively in Mexico and elsewhere in North America, assisted with the identification of the liverworts for Stark and Castetter and later devised a checklist and provisional key of liverworts of New Mexico that was never published (Whittemore 2021).

Thomas Todsen collected bryophytes mainly in Doña Ana and Otero counties in 1980 shortly after retiring and then again in 1990. He taught early in his career at the New Mexico College of Agriculture and Mechanic Arts (which became NMSU), before moving on to the job at White Sands Missile Range from which he retired in 1978 (Jercinovic 2011). Todsen collected all types of vascular plants from all over New Mexico, with a special interest in orchids. In 1984, Todsen collaborated with Robert Ireland and Stephen Talbot on a paper called *New or Rare Mosses in New Mexico* (Ireland et al. 1984).

Bryologists from out-of-state continued to visit New Mexico in the 1980s and made important contributions. **Stephen S. Talbot** collected mosses in the Organ Mountains, as had Stark and Castetter, as well as in the San Andres Mountains National Wildlife Refuge, including areas in the adjacent White Sands Missile Range and Salinas Peak. Talbot made over 300 bryophyte collections in 1980 while working in Albuquerque for a year on rare plants before returning to Anchorage, his home base working for the U.S. Fish and Wildlife Service. Talbot and his wife Sandy, also a biologist, were close friends with **Robert Ireland** (Talbot 2021), to whom Talbot sent specimens occasionally for identification. Ireland began his post-doctoral career as Curator of Bryophytes at the National Museum of Natural Sciences in Ottawa, Canada. **Wilfred Borden Schofield** (known as "Wilf") was Canadian and a close friend of Talbot, with whom he went on frequent collecting trips. Schofield made over 100 bryophyte collections on a visit to the Winsor Trail of the Santa Fe National Forest in 1989. Schofield's *Introduction to Bryology* has perhaps been the most-read beginning textbook on bryology since it was published (Schofield 1985). While he was a graduate student at Stanford University, Schofield met Margaret Irene Bledsoe to whom he was married for about 50 years until her death. The dedication page to Schofield's introductory text reads,

"To M.I.B.

From these I weave my tapestry; A dew-jewelled bryophyte fabric That yields infinite delight." Numerous other well-known bryologists visited the state in the 1980s. Lewis Anderson collected in Grant and Catron counties in 1985, shortly after teaming up with Howard Crum to write the *Mosses of Eastern North America*, a beautifully illustrated 2-volume set that still is a necessary resource in any bryologist's library (Crum & Anderson 1981). Patricia Eckel and Richard Zander are taxonomists and specialists in the Pottiaceae. This husband-and-wife team from the Missouri Botanical Garden collected mostly in southern New Mexico from 1984 to 1986. Some of their collections included difficult to find species such as *Chenia leptophylla* (Müller Hal.) Zander and *Hydrogonium bolleanum* (Müller Hal.) A. Jaeger. Dana Griffin III is retired from teaching at the University of Florida and was also collecting in New Mexico at this time. He is an expert in the Bartramiaceae. He made most of his collections in the Taos and Santa Fe areas of northern New Mexico in July 1981. Rudolph Schuster, who was born in Germany, collected liverworts from the Gila Cliff Dwellings National Monument, which is near Silver City, in 1979, and from Carlsbad Caverns National Park on a trip in 1982. While at Carlsbad Caverns, Schuster collected the only verified specimen of *Mannia paradoxa* R.M. Schuster in the literature. Although Schuster's PhD was in entomology (insects!), he is best known for his six-volume set of *The Hepaticae and Anthocerotae of North America - East of the Hundredth Meridian* (Schuster 1966). It remains indispensable to hepaticologists today. For most of his career, Schuster taught botany at the University of Massachusetts.





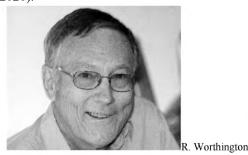


R. Castetter

T. Todsen

The 1990s

The 1990s were notable for a continued upswing in the numbers of bryophyte specimens collected in New Mexico. Bernard Goffinet collected here, mostly from Mt. Taylor in Cibola County. Goffinet is the editor, along with Jonathan Shaw, of the book Bryophyte Biology (Goffinet & Shaw 2000), now in its 2nd edition, which is an authoritative recent review of bryology. **David Lightfoot** and **David Bleakly** collected bryophytes as part of an overall multidisciplinary assessment of El Malpais National Monument (Lightfoot et al. 1994), expanding on the work done by Alton A. Lindsey (Lindsey 1951) decades earlier, and sending many of their specimens to William A. Weber for identification. These contributions are significant, but the two botanists whose work stands out the most in the 1990s are Richard D. Worthington and Kelly W. Allred. Worthington, curator of the herbarium at the University of Texas El Paso (UTEP), has collected well over 1,000 specimens from all over New Mexico since 1990 and he has added many new species to those known from the state. His specimens can be found in herbaria widely scattered across the U.S. He wrote an annotated checklist and species key for New Mexico liverworts for his Floristics Inventory of the Southwest Project (Worthington 2001). The checklist included 48 liverwort species in 2001. Allred has been tireless in his pursuit of documenting the mosses of New Mexico. He has spent most of his professional career teaching botany at New Mexico State University (NMSU). In the 1990s, Allred collected over 600 bryophytes, and he has contributed thousands more to the herbarium at NMSU since then. Along with the late Carl Darigo of the Missouri Botanical Garden, Allred co-authored the Mosses of New Mexico—County Checklist (Darigo & Allred 2001). This work was the first checklist of mosses since that published by Mahler in 1978. Most importantly, Allred published the Preliminary Pocket Guide to the Mosses of New Mexico in 2012 and has constantly updated it since that time (Allred 2012). Allred is also the author of the widely used multi-volume Flora Neomexicana series, which includes checklists, keys, descriptions, and more information on the vascular plants of New Mexico (Allred et al. 2020).







C. Darigo

The 2000s-2020s

Since the turn of the millennium in 2000, bryology in New Mexico has seen ever-expanding numbers of collections and many new species added to the state checklist. Nearly all of this work can be attributed to Kelly Allred or to those students and colleagues whom he has mentored. Kirsten B. Romig, one of Allred's graduate students, conducted a bryophyte inventory at Valles Caldera National Preserve from 2009 to 2011. Romig collected 556 individual samples in which 113 different species of bryophytes were identified. Seven of the mosses were new to New Mexico, including Sphagnum fimbriatum Wilson & Hooker, the first report of any Sphagnum in the state. Stark and Castetter's 1982 bryophyte inventory of the Organ Mountains and Romig and Allred's 2013 article entitled Mosses New to New Mexico, which documented their work in the Valles Caldera National Preserve (Romig & Allred 2013), set the stage for several bryophyte inventories that followed in the state in fairly rapid succession. These were spearheaded by the unflagging work of Russ Kleinman and Karen Blisard. Kleinman is a retired general surgeon and plant taxonomy instructor at Western New Mexico University in Silver City, and Blisard is a retired pathologist with a major interest in liverworts. They began with Gila Cliff Dwellings National Monument—a bryophyte inventory (Kleinman & Blisard 2013), A bryophyte inventory of Carlsbad Caverns National Park (Kleinman et al. 2020), was then published by Kleinman, Blisard, Allred, and Renée West, who was the Supervisory Biologist at Carlsbad Caverns National Park. This was closely followed by Bryophytes of El Malpais National Monument, which was published by Kleinman, Blisard, Allred, Romig, and Laura Baumann (Kleinman et al. 2021) who was the biological science technician at El Malpais. Baumann is a currently a graduate student at Oregon State University whose research involves the microclimates of bat hibernacula in New Mexico. Blisard is also the principal author of A Checklist and Preliminary Key to the Liverworts of New Mexico, which appeared in The New Mexico Botanist in 2020 (Blisard & Kleinman 2020). Jason Brooks of Ashland, Oregon, and John Brinda, who is currently an assistant scientist at the Missouri Botanical Garden, published A Preliminary List of the Mosses of the Animas Mountains, the Old Gray Ranch, Hidalgo County, New Mexico (Brooks & Brinda 2020).

In 2010, Allred co-hosted the 15th SO BE FREE bryological foray in the Sacramento Mountains of south central New Mexico (Allred 2010). According to Allred's report in *Evansia*, SO BE FREE (Spring Outing, Botanical Excursion, Foray, Retreat, and Escape to the Environment) was founded in 1996 and is a "series of West Coast forays started by the Bryolab at University of California, Berkeley, but open to all botanists." 38 botanists attended this SO BE FREE, including world-renowned bryologists such as **Brent Mishler**, who is a professor of systematics and director of the University Herbarium at UC Berkeley, **Norton Miller**, a past-president of the American Bryological and Lichenological Society (ABLS), **Ron Pursell**, professor emeritus of botany at Penn State University and research associate at the Missouri Botanical Garden, **Bruce Allen**, author of *Moss Flora of Central America* (Allen 2002), John Brinda, **John Spence**, who has revised the Bryaceae for Flora of North America (Spence 2007), **Ron Wittman**, co-author of *Bryophytes of Colorado* with W.A. Weber (Weber & Wittman 2007), **Eleanor Edye**, a leading authority on the bryophytes of Canada and board member of the Ecological Reserves Advisory Committee of Manitoba, **Terry McIntosh**, a moss expert at the University of British Columbia and author of the chapter on the genus *Schistidium* for the Flora of North America (McIntosh 2007), Lloyd Stark, Kirsten Romig, **Lena Coleman**, **Carl Wishner**, **Karen Wiese**, and many others, including graduate students and beginning bryologists. This group added eight state records to the checklist for New Mexico during SO BE FREE 2010.

Allred has recently initiated a series of forays informally called the "New Mexico Bryophyte Forays". This group has met twice and studied the bryophytes in the Pecos Wilderness near Cowles, New Mexico, in 2015 and then at El Malpais National Monument near Grants in 2017. While at Elk Mountain in the Pecos, the group found *Stegonia latifolia* (Schwägrichen) Venturi ex Brotherus growing in cracks in the bedrock at the summit at 11,661 feet elevation.

The "Virtual Moss Lab" group arose out of a need for comradery among bryologists during the COVID-19 years of 2020 and 2021. Meetings over the internet were conducted to prevent person-to-person spread of the epidemic virus. **Stacey Anderson** (who worked on the genus *Sphagnum* in Ireland for the Irish Peatlands Conservation Council), Ron Wittman, **Bayard "Mo" Ewing** (who has collected bryophytes with Wittman and Weber), **Paula Lehr** (an alpine vascular plant specialist), and **Georgia Hart** (a novice bryologist), all of Colorado, were the original members of this group. It rapidly expanded to include New Mexicans Russ Kleinman, Karen Blisard, and Kelly Allred. This group made a trip to the Canjilon Lakes area of northern New Mexico in 2021. Following directions given to them by John Brinda who had recently found *Sphagnum capillifolium* (Ehrhart) Hedwig there, the group confirmed the finding and then also added *Scorpidium cossonii* (Schimper) Hedenäs from there to the state checklist.

So what is the state of bryology in New Mexico now? Allred's latest checklist (2021) for the mosses of New Mexico stands at 380 species. Mahler's checklist in 1978 included 156 species – so the species count for New Mexico has grown by 224 taxa in the past 40 years! The number of liverworts known from the state has also quickly expanded – from the 48 species that Worthington included in his checklist to the 90 species now found in Blisard's checklist, very nearly doubling the species known from New Mexico in just 20 years.







R. Kleinman & K. Blisard

J. Brinda







R. Wittmann

S. Anderson



Allred, Blisard, & Kleinman

The Future

We expect that the decade of the 2020s will be equally exciting. There have been nearly 16,000 bryophyte collections from New Mexico entered into CNABH. That number will grow, and many more bryophyte species will likely be added to the checklists. One should also take note that not a single word has been written in this manuscript about hornworts, even though they are bryophytes. The reason for this is that, to our knowledge, no hornwort has ever been collected in New Mexico. This is the case even though hornworts, never particularly abundant, are known from states contiguous with New Mexico – Arizona, Colorado, and Texas. The challenge for the upcoming decade will not only be to expand the number of mosses and liverworts known from New Mexico, but to find the first hornwort!

Acknowledgements

We are indebted not only to the many botanists/bryologists who have collected bryophytes in New Mexico, but give special thanks to the staff and curators of the herbaria who have placed their collections into online databases (CNABH). Without this invaluable resource, this and most other bryological research would grind to a fruitless halt.

All photos are by Russ Kleinman, except for the following, which we gratefully acknowledge:

Kelly Allred, Karen Blisard, & Russ Kleinman: Kelly Allred

Brother Arsene: Opuscula Philolichenum 17:330-334. 2018 by Kerry Knudsen et al. Found at Researchgate.net.

Edward B. **Bartram**: The Bryologist 69(1): 126.

Rick Castetter: Rick Castetter

Carl Darigo: https://www.luptonchapel.com/obituary/5338228

William G. Farlow: https://en.wikipedia.org/wiki/William_Gilson_Farlow Augustus Fendler: https://en.wikipedia.org/wiki/Augustus_Fendler

Seville Flowers: Great Basin Naturalist 44(2): 211.

John M. **Holzinger** https://en.wikipedia.org/wiki/John_Michael_Holzinger Gilford J. **Ikenberry**: Gilford Ikenberry Jr. and his wife Nelda B. Ikenberry

Thomas P. James: http://jamesfamilyarchives.net/page9.html

Russ Kleinman & Karen Blisard: Stacey Anderson

Charles Leo Lesquereux: https://en.wikisource.org/wiki/Author:Charles_L%C3%A9o_Lesquereux

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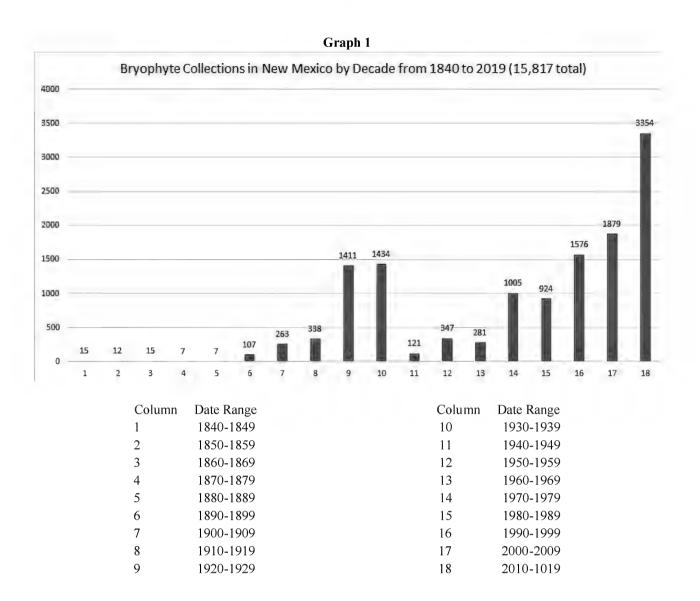
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Appendix

As of December 29, 2021, information for 15,819 total bryophyte specimens collected from New Mexico has been uploaded to the Consortium of North American Bryophyte Herbaria (CNABH). This appendix lists 267 collectors, the people who have contributed specimens to herbaria that have uploaded data to CNABH. For each collector, the counties in which they collected are noted, as well as the years in which the collector was active in those counties. Finally, the herbarium in which the specimens are housed is listed after the counties and date.

Key to herbarium abbreviations used in the appendix:

ALA: University of Alaska Museum of the North Herbarium

ASU: Arizona State University Bryophyte Herbarium

BM: Natural History Museum London

BRIT: Botanical Research Institute of Texas

CASC: California Academy of Sciences

CINC: University of Cincinnati, Margaret H. Fulford Herbarium – Bryophytes

COLO: University of Colorado, Museum of Natural History Herbarium Bryophyte Collection

CONN: George Safford Torrey Herbarium

DUKE: Duke University Herbarium Bryophyte Collection

F: Field Museum of Natural History

FH: Farlow Herbarium of Cryptogamic Botany, Harvard University

FLAS: University of Florida Herbarium

ILL: University of Illinois Herbarium

ISC: Iowa State University, Ada Hayden Herbarium

KE: Kent State University Bryophyte Herbarium

KSP: Pittsburg State University

LSU: Shirley C. Tucker Herbarium at Louisiana State University

MCTC: Michigan Technological University

MDKY: Morehead State University

MICH: University of Michigan Herbarium

MIN: Bell Museum of Natural History, the University of Minnesota MO: Missouri Botanical Garden MSC: Michigan State University

MT: Université de Montréal Biodiversity Centre

MU: Willard Sherman Turrell Herbarium, Miami University NEB: University of Nebraska State Museum, C.E. Bessey

Herbarium

NEBK: University of Nebraska Kearney

NMCR: NMSU Center for Natural History Collections Range Science, New Mexico State University

NY: New York Botanical Garden NYS: New York State Museum OS: Ohio State University Herbarium

PC: Muséum National d'Histoire Naturelle Cryptogams PH: Academy of Natural Sciences of Drexel University RM: University of Wyoming Rocky Mountain Herbarium

S: Swedish Museum of Natural History

SFSU: Harry D. Thiers Herbarium at San Francisco State University

SFV: California State University, Northridge, Bryophytes

SIU: Southern Illinois University Herbarium

SNM: Gila Center for Natural History Herbarium, Western New Mexico University

TENN: University of Tennessee Bryophyte Herbarium TTC: E.L. Reed Herbarium at Texas Tech University

UARK: University of Arkansas Herbarium

UBC: University of British Columbia Herbarium UC: University of California, Berkeley, University Herbarium

UNAF: University of North Alabama

UNLV: Wesley E. Niles Herbarium, University of Nevada, Las Vegas

UNM: University of New Mexico

US: United States National Herbarium - Smithsonian

USCH: University of South Carolina, A. C. Moore Herbarium USMS: University of Southern Mississippi Herbarium, Bryophytes

USU: Intermountain Herbarium (Bryophytes), Utah State University

VT: University of Vermont, Pringle Herbarium, North American bryophytes

WIS: University of Wisconsin – Madison WSCO: Weber State University Herbarium WTU: University of Washington Herbarium WVA: West Virginia University Herbarium

YPM: Yale University Herbarium, Peabody Museum of Natural History

Collector (Last, Initials)	County date, (herbarium abbreviation)
Adams, T.P.	Grant 1996 & 1997, Catron 1996 & 1997 & 1998, Hidalgo 1997 (NMCR), Grant 1996 & 1997, Catron 1997 (COLO)
Albright, P.N.	Lincoln 1930 (FH), Lincoln 1930 (YPM)
Alexander, P.J.	Hidalgo 2006 (NMCR)
Allen, B.	Otero 2010 (CASC) Otero 2010, Hidalgo 2007 (MO) Hidalgo 2007, Otero 2010 (NY) Otero 2010 (NMCR)
Allen, J.A.	unspecified (DUKE)
Allred, J.	Doña Ana 1998 & 2015 (NMCR)
Allred, K.W.	Grant 2010, Catron 2006 Doña Ana 2014, Taos 1998 & 2015, Lincoln 2015, Cibola 2018 (SNM) Lincoln 1996 & 1998 & 1999, Santa Fe 1996, San Miguel 1996, Doña Ana 1997 & 1998 & 2015, Taos 1998, Otero 1997 & 1999, Catron 1998, Sandoval 1996 (MO), Lincoln 1999, 2015 (NY), Los Alamos 2005 & 2008, Sandoval 1996 & 1997 & 2003 & 2005 & 2008 & 2009 & 2010, San Miguel 1996 & 1997 & 2008 & 2010 & 2015, Doña Ana 1996 & 1997 & 1998 & 1999 & 2000 & 2001 & 2003 & 2008 & 2009 & 2010 & 2010 & 2011 & 2012 & 2014 & 2015, Otero 1997 & 1998 & 1999 & 2001 & 2004 & 2005 & 2008 & 2009 & 2010 & 2011 & 2012 & 2014, Santa Fe 1996 & 2005 & 2008 & 2011 & 2015, Catron 1997 & 1998 & 1999 & 2004 & 2005 & 2006 & 2012 & 2015, Lincoln 1996 & 1997 & 1998 & 1999 & 2000 & 2005 & 2006 & 2012 & 2015, Lincoln 1996 & 1997 & 1998 & 1999 & 2000 & 2005 & 2006 & 2012 & 2015, Lincoln 1996 & 1997 & 1998 & 1999 & 2001 & 2001 & 2001 & 2014 & 2015, Mora 1997, Grant 1997 & 1998 & 2004 & 2010 & 2011 & 2012 & 2015, Eddy 2010, Sierra 1996 & 1997, Cibola 1997, Socorro 1997 & 1998 & 2012, Torrance 1997 & 2008 & 2010, Otero 1997 & 2009 & 2010, Mora 1997, Cibola 1997, San Miguel 1996 & 1997, Socorro 1997, Doña Ana 1996 & 1998, Taos 1974, Grant 1997 & 2010 (COLO), Sierra 1997, Doña Ana 1997, Hidalgo 1997 (UNLV)
Allred, L.	Doña Ana 2010 (NMCR)
Anderson, D.L.	Doña Ana 2002 (SNM), Doña Ana 1997 & 1998 & 1999 & 2000 & 2001 & 2002, Socorro 1997 & 1998 & 1999, Sierra 1998 & 2001, Otero 1997 & 1998 & 1999 & 2000, Lincoln 1997 (NMCR), Socorro 1997, Doña Ana 1998, Otero 1998 (COLO)
Anderson, L.E.	Grant 1985, Catron 1985 (DUKE), Grant 1985 (MO) Grant 1985, Catron 1985 (NY) Grant 1985 (NYS) Catron 1985 (S)
Andreas, B.K.	Hidalgo 2003 (NY)

Arsène, Fr.G.	San Miguel 1926 & 1927 (PH), San Miguel 1935 (ASU), San Miguel 1926-1927 (TRH), San Miguel 1936 (DUKE), San Miguel 1919 & 1924 & 1924 & 1926 & 1927 & 1928 & 1929 & 1930 & 1934 & 1935 & 1938, Santa Fe 1926 & 1927 & 1928 & 1930 & 1934 & 1935 & 1936, Bernalillo (?) 1929, Sandoval 1926 & 1928 & 1929 & 1931 (FH), San Miguel 1926 & 1927 & 1935 & 1936, Santa Fe 1926 & 1928 & 1929 & 1936, unknown location 1934, 1936 (F), San Miguel 1936 & 1937 (MO), no location 1929 (PC), Santa Fe 1926 & 1928 & 1930 & 1934 & 1935 & 1936, San Miguel 1926 & 1927 & 1928 & 1934 & 1935 & 1936, Bernalillo (?) 1926 & 1929, Otero 1929, Sandoval 1926 (NY) San Miguel 1926 & 1927, Santa Fe 1926 & 1928 & 1930 (NYS), San Miguel 1926 & 1929 (S) Bernalillo 1926 & 1927 & 1928 & 1929, Santa Fe 1926, San Miguel 1926 & 1927 & 1929 (US), Santa Fe 1926 & 1928, San Miguel 1926 (UBC) San Miguel 1927 (CINC), San Miguel 1926 & 1927 & 1929 & 1936, Santa Fe 1926 (COLO) San Miguel 1926 (FLAS), San Miguel 1926 & 1927 & 1936, Santa Fe 1928 & 1930 (MICH), San Miguel 1926 & 1927 (TENN), San Miguel 1926 & 1927 & 1929, Santa Fe 1926 & 1928 & 1930 (MICH), San Miguel 1926 & 1927 & 1928, Santa Fe 1927 & 1928 & 1930, San Miguel 1926 & 1927 & 1936, Bernalillo 1928 (MU), Santa Fe 1926 & 1928 & 1930 & 1934 & 1935 & 1936 & 1937, Bernalillo 1929, Sandoval 1926 & 1936 (YPM)
Baad, M.F.	Catron 1964 (DUKE), Catron 1964 (MO), Catron 1964, Bernalillo 1964 (MICH)
Baker, W.L.	Taos 1979 (DUKE), Taos 1979 (MICH)
Ballman, H.C.	Rio Arriba no date (MO)
Barbour, W.C.	Taos 1979 (BRIT)
Barker (no first initial)	Santa Fe 1961 (COLO)
Barnett, A.	Lincoln 1938 (MO), Sierra 1938, Lincoln 1938 & 1939, Otero no date, Doña Ana no date (NMCR), Lincoln 1938 & 1939 (COLO)
Bartram, Edwin Bunting	Santa Fe 1922 (PH), Mora 1921 (BRIT), Santa Fe 1922 & 1935, Bernalillo 1922 (FH), Santa Fe 1922 (MO), Santa Fe 1922, Bernalillo 1922 (NY), Santa Fe 1922 (S) Santa Fe 1922 (MT), Santa Fe 1922 (UBC), Santa Fe no date (CINC), Santa Fe 1922 (COLO), Santa Fe 1922 (ILL), Santa Fe 1922, Bernalillo 1922 (MICH), Santa Fe 1922 (NEB), Grant 1911, Santa Fe 1922 (TENN), Santa Fe 1922, Bernalillo 1922 (WTU), Santa Fe 1922 (WIS), Santa Fe 1922 (MU), Santa Fe 1922 (YPM)
Baumann, L.	Cibola 2016 & 2017 & 2018 (SNM)
Beasley, C.W.	Catron 1973 (COLO)
Beattie, P.G.	Taos 1975 (BRIT)
Bennett, W.W.	Colfax 1934 (ISC)
Berchmans, L.	Santa Fe 1935 (FH), Santa Fe 1935 (F), Santa Fe 1935 (NY), Santa Fe 1935 (YPM)
Betancourt, J.L.	San Juan 1975 (NY)
Bigelow, J.M.	no location 1851 (FH) no location 1851 (NY)
Bird, C.D.	Otero 1960, Sandoval 1960, Lincoln 1960 (BRIT) Otero 1960 (DUKE) Sandoval 1960, Otero 1960, Lincoln 1960 (MO), Otero 1960 (WTU)
Bleakly, D.	Lincoln 1997, McKinley 1997 & 2002, Cibola 1997, Santa Fe 1997, San Miguel 1997, Rio Arriba 1997 & 2007, Bernalillo 1997 & 1998 & 2006, San Juan 1998, Socorro 1998, Union 1999, Grant 2002, Guadalupe 1997, Torrance 2006, Taos 1998 & 2002, Valencia 2002, Chaves 2001 (NMCR), Guadalupe 1997 (COLO)
Blisard, K.	Luna 2012, Doña Ana 2014, San Miguel 2015 & 2018, Taos 2015 (SNM), Grant 2012 (NMCR)
Brandegee	no location 1877 (FH)
Braun, E. Lucy	Lincoln 1939 (CINC) Mora 1939 (CINC)
Brinda, J.	Otero 2010, San Juan 2016 (CASC), Otero 2010, Doña Ana 2010, San Miguel 2019, Catron 2019, Torrance 2018, Grant 2019, San Juan 2016, Eddy 2019, Hidalgo 2019, McKinley 2017, Rio Arriba 2019, Santa Fe 2016, Taos 2019, Colfax 2017, Luna 2019 (MO), Otero 2010, Hidalgo 2007, Lincoln 2010, Doña Ana 2010 (UNLV)
Briscoe, P.	Bernalillo, 1991 (MO)
Britton, N.L.	Catron 1938 (UBC)
Brooks, J.S.	Taos 1941 (MO)
Buck, W.R.	Santa Fe 2001, Bernalillo 2001, San Miguel 2001 (MO), Bernalillo 2001, Santa Fe 2001, San Miguel 2001 (NY), Santa Fe 2001 (S)
Campbell, R.S.	Sierra? 1927 (FH), Doña Ana 1927 & 1928 & 1933 (RM)
Canton, S.	Taos 2002 (NYS)
Capt. Franklin	Santa Fe 1947 (FH)
Carmer, M-B.	San Juan 1974 (COLO), San Juan 1974 (VSC)
Castetter, R.C.	Doña Ana 2011 (CASC), Doña Ana 1980 (MO), Hidalgo 1990, Doña Ana 1982 & 1994 (UNLV)
Castro-Mendoza, E.	Taos 1976 (COLO)
Churchill, J.A.	site not noted 1990 (MSC)

Churchill, S.	San Miguel 1936 (COLO)
Clausen, R.T.	Santa Fe 1962 (DUKE), Santa Fe 1962 (MICH)
Clebsch Jr., A. (might be father and son both with same name)	Guadalupe 1954 (PH), Taos 1955, Guadalupe 1954 & 1955 (DUKE), Guadalupe 1954 & 1955 (FH) no date or location, Guadalupe 1954 (MO), Guadalupe 1955 (UBC) Taos 1955, Guadalupe 1954 & 1955, Torrance 1955 (COLO), Taos 1955 & 1958, Guadalupe 1954 & 1955, Bernalillo 1961, Torrance 1955, Quay 1955, Rio Arriba 1955 & 1960 (TENN), Guadalupe 1954 (WTU)
Cockerell, T.D.A.	San Miguel 1900 & 1902, Rio Arriba 1902 (NY), San Miguel no date (YPM)
Coleman, L.A.	Otero 2010 (CASC), Otero 2010 (SFV-B)
Cone, L.	Lincoln 1929 (YPM)
Conklin, D.	Sandoval 1981 & 1982, Santa Fe 1981 (DUKE) Sandoval 1981 (MDKY) Santa Fe 1981 (NYS)
Coop, J.D.	Sandoval 2002 (DUKE), Sandoval 2002 (WIS)
Correll, D.S.	Rio Arriba 1979 (DUKE)
Cox, C.J.	Santa Fe 2001, Bernalillo 2001 (DUKE),
Cox, Claire	Sierra 1929 (COLO)
Cromwell (no first name)	Lincoln 1937 (MO)
Crosby, M.R.	Santa Fe 1987 (DUKE) San Miguel 1993, Santa Fe 1987 (MO) no location 1987 (NY), Santa Fe 1987 (COLO), Santa Fe 1987 (MICH)
Crowell, I.H.	Grant 1937, Luna 1937, Otero 1937, Lincoln 1937 (DUKE), Luna 1937, Otero 1937, Lincoln 1937, Doña Ana 1937, Grant 1937 (FH) Otero 1937, Lincoln 1937, Grant 1937, Luna 1937 (MO), Doña Ana 1937 (MICH)
Crutchfield, J.R.	Sandoval 1965 (MO) Catron 1965, Taos 1965, Lincoln 1965, Valencia 1967 (MO) Sandoval 1965, Taos 1965, Catron 1965 & 1966, Otero 1965, Valencia 1967 (COLO), Sandoval 1965 (TENN)
Cruzan, D.	Bernalillo 2019 (SNM)
Daisy, J. (also as Dazey, J.)	Grant 1997 (NMCR)
Darigo, C.E.	Colfax 1997, Union 1997 (MO)
Deane-Coe, K.K.	Rio Arriba 2014 (MO)
DeBruin, E.	Cibola 1987 (UNM)
Diehl, I.E.	Santa Fe 1899 (COLO)
Dillingham, C.P.	Otero 2010 (CASC)
Düll, R.	Bernalillo 1981 (MO)
Dunn, D.B.	Sandoval 1971 (MO), Sandoval 1971 (NY), Sandoval 1971 (TENN)
Earle, F.S.	Otero 1902 (FH), Otero 1902 (MO), Otero 1902 (NY), Otero 1902 (MICH)
Eckel, P.	Luna 1985 (DUKE) Luna 1985, Quay 1985, Eddy 1984 & 1986 (MO), Eddy 1986 (FLAS) Eddy 1986 (TENN), Bernalillo 1965 (RM)
Eggleston, W.W.	Taos 1923 (FH), Sandoval 1923, Taos 1923 (NY), Grant 1919 (YPM)
Ellis, C.C.	Bernalillo 1914 (F) Bernalillo 1914 (MO) Bernalillo 1914 (NY) Bernalillo 1914 (US), Bernalillo 1914 (YPM)
Engelmann, G.	San Miguel 1881 (MO)
Farlow, W.G.	San Miguel 1885 (FH), San Miguel 1885 (NY), San Miguel 1885 (YPM)
Felger, R.	Grant 2011 & 2013, Hidalgo 2012 (SNM)
Fendler, Augustus	Sante Fe 1857 (PH) Santa Fe no date, Sante Fe 1846 & 1847 & 1848 (FH) no location or date, Santa Fe no date (F), Santa Fe no date, no date no location (MO), Santa Fe no date, no location 1947, Santa Fe 1946 (NY), Santa Fe no date (S) Santa Fe no date (COLO), Santa Fe no date (MICH), Santa Fe no date (NEB), Santa Fe no date (VT), Santa Fe no date (WIS), Santa Fe no date (MU), Santa Fe no date (YPM)
Ferguson, G.	Doña Ana 1979 & 1981, Luna 1981 (COLO)
Fernandes, V.M.C.	Socorro? no date (ASU)
Fink, R.	Otero 2011, Sierra 2003 (NMCR)
Fisher, A.K.	Socorro 1918 (FH) Socorro 1918 (NY)
Flowers, S.	Rio Arriba 1960 (ASU) Rio Arriba 1960 (USU) Rio Arriba 1960, Taos 1936 (MO) San Juan 1960, Rio Arriba 1960 (NY), Rio Arriba 1960 (UBC) Rio Arriba 1960, San Juan 1960, San Miguel 1936 (COLO), Rio Arriba 1960 (TENN), Rio Arriba 1960 (RM)
Forbes, A.	Torrance 1998 (MO), Lincoln 1998, Torrance 1997 & 1998, McKinley 1997 & 1998, Doña Ana 1997 & 1998, Sierra 1998 (NMCR), Lincoln 1998, Torrance 1997 (COLO), Doña Ana 1997 (UNLV)

Forman, R.T.T.	Taos 1976 (COLO)
Fornwall, M.	Taos 1977 (MCTC)
Fredrickson, E.	Doña Ana 1996 & 1997 & 1998 (NMCR)
Frost, C.C.	Santa Fe no date (VT)
Frye, T.C.	Catron 1938 (BRIT) Catron 1938(BRY), Catron 1939 (DUKE), Catron 1938 & 1939 (FH), Catron 1939 (CONN) Catron 1938 & 1939(USU), Catron 1939 (ISC) Luna 1939, Catron 1938, Taos 1938 (MO) Catron 1939 (NY) Catron 1938 (OS) Catron 1938 (OSC), Luna 1930 & 1939, Catron 1938 (COLO), Luna 1939 (MICH), Catron 1939 (TENN), Catron 1938 & 1939, Santa Fe 1931, Luna 1939 (WTU)
Gibson, Bill	Taos 1977 (MO)
Gillman, H.	no location no date (NY)
Glime, J.	Taos 1977 (CASC), Sandoval 1977 (MCTC) Colfax 1977, Taos 1977, Sandoval 1977 (MO), Sandoval 1977 (TENN)
Glowenke, S.L.	Doña Ana 1948 (MICH)
Goffinet, B.	Cibola 1993, Taos 1993, Santa Fe 1993 (CONN)
Goodding, L.N.	Sandoval 1938, Hidalgo 1939, Grant 1938 & 1939, Catron 1938, Colfax 1938 (DUKE) Grant 1930 & 1939, Sandoval 1938, Catron 1938, Sandoval 1938, Eddy 1939, Hidalgo 1939, Cibola 1937 & 1938 (NY) Catron 1938 (UBC) Catron 1938 (FLAS), Catron 1938 (TENN), Catron 1938, Sandoval (?) 1938, Eddy (?) 1939 (RM)
Grebosky, B.	Sandoval 1997 (DUKE) Sandoval 1997 (NY)
Griffin III, D.	Taos 1981, Rio Arriba 1981, Santa Fe 1981 (DUKE), Rio Arriba 1981, Santa Fe 1981 (F) Santa Fe 1968 & 1981, Rio Arriba 1981, Taos 1981 (MO), Taos 1981, Santa Fe 1981, Rio Arriba 1981 (NY), Rio Arriba 1981 & 1992, Taos 1981, Rio Arriba 1981, Lincoln 1969, Santa Fe 1968 (FLAS), Santa Fe 1981, Taos 1981, Rio Arriba 1981 (MICH)
Grout, A.J.	Bernalillo 1935 (BRIT), Otero 1936 (FH) Taos 1938, Otero 1936 (ISC) Bernalillo 1935 (MO), Otero 1936 (MICH), Lincoln no date (VT)
Guerke, W.	Lincoln 1969 (MO) Lincoln 1969 (NY) Lincoln 1969 (SIU), Lincoln 1969 (MICH)
Gwin, D.R.	Roosevelt 1937 (MO)
Hall, E.	no location no date (YPM)
Handley Jr., C.	Rio Arriba 1911 & 1914, San Miguel 1908 (NY)
Hansen, N.	Doña Ana 2006 (NMCR)
Haring, I.M.	no location 1940 (NY)
Harris, S.K.	Sandoval 1934 (MIN)
Harrison, C.	Luna 1988 (COLO), Luna 1988 (UNM)
Harrison, J.R.	Taos 1977 (BRIT), Taos 1977 (COLO)
Hartman, R.H.	Sandoval 2002 (NY), Sandoval 2001 & 2002, Rio Arriba 2001 (UNM), Rio Arriba 2001, Sandoval 2001 & 2002 & 2003(RM)
Harvil Jr., A.M.	Hidalgo 1947, Grant 1947 (BRIT) Grant 1947, Hidalgo 1947, Luna 1947 (MO), Hidalgo 1947, Luna 1947 (WTU)
Hax, N.P.	Sandoval 2000 (CONN)
Hegewald, E.	Taos 1986 (MO)
Heller, A.A.	Santa Fe 1897 (FH), Santa Fe 1897 (MO), Santa Fe 1897 (NY)
Hermann, F.J.	Bernalillo 1965 (CASC), Taos 1970 & 1971, San Miguel 1971, Bernalillo 1965 (DUKE), Taos 1971 (FH)Taos 1971, San Miguel 1971 (F) Taos 1971 (MO) Taos 1971, Bernalillo 1965, San Miguel 1971 (NY), Taos 1971 (SIU), Taos 1971 (UBC), San Miguel 1971 (COLO), San Miguel 1971, Taos 1971, Bernalillo 1965 (MICH), Bernalillo 1965 (UNM), Taos 1971 (TENN), Taos 1971, San Miguel 1971, Bernalillo 1965 (WTU), Taos 1971 (WIS), San Miguel 1971, Bernalillo 1965 (RM)
Higgins, R.P.	Bernalillo 1955 (DUKE), Bernalillo 1955 (FH), Bernalillo 1955 (COLO), Bernalillo 1955 (WTU)
Hinckley, L.C.	San Miguel 1948 (NY), San Miguel 1948 (MICH)
Hodge, G.G.	Grant 1911 (DUKE)
Holzinger, J.M.	Grant 1911 (PH), Grant 1911, Santa Fe 1910 (MIN), Grant 1911, Catron 1911 (DUKE), Taos 1910, Grant 1911 & 1924 (FH), Grant 1911 (ISC) Grant 1911 (MO) Grant 1911 (NY) Grant 1911 (OS), Grant 1911 (SIU) Grant 1911 (UARK) Grant 1911 (UBC), Grant 1911 (COLO), Grant 1911 (ILL), Grant 1911 (MICH), Grant 1911 (NEB), Grant 1911 (TENN), Grant 1911 (VT), Grant 1911 (WTU), Grant 1911 (WIS), Grant 1911 (WVA), Grant 1911 (MU), Grant 1911 (YPM)
Holzinger, K.	Grant 1911 (MU)
Hotchkin, P.E.	Otero 2005 (COLO)

Ikenberry, G.J.	Otero 1936, Lincoln 1938 (MIN), Taos 1938, Otero 1936, Bernalillo 1937, Lincoln 1938, Santa Fe 1936 & 1937 (BRIT), Lincoln 1938 (CASC), Taos 1937 & 1938, Lincoln 1936 & 1938, Torrance 1937, Otero 1936, Santa Fe 1937, Chavez 1937 (DUKE)Lincoln 1938 (FH) Otero 1936, Santa Fe 1937, Lincoln 1938, Taos 1939 (F) Otero 1936, Lincoln 1936 & 1938, Bernalillo 1935 & 1937, Santa Fe 1937, Chaves 1937 (ISC) Taos 1935 & 1937 & 1938, Santa Fe 1936 & 1937, Lincoln 1936 & 1938, Otero 1936 & 1938, Bernalillo 1931 & 1935 & 1937 San Miguel 1936, Torrance 1933 & 1937, Eddy 1935 & 1936, Colfax 1937, Mora 1937, Chaves 1937 & 1938, Guadalupe 1937, Roosevelt 1937 & 1938, Quay 1937, Socorro 1937 (MO) Lincoln 1936, Taos 1937 & 1938, San Miguel 1936, Otero 1936 (MDKY), Otero 1936 & 1938, Bernalillo 1935 & 1937, Lincoln 1936 & 1938, Taos 1935 & 1937 & 1938, Santa Fe 1937, Torrance 1937, San Miguel 1936 & 1938, Chaves 1937 & 1938, Quay 1937 (NY) Taos 1938, Bernalillo 1937 (NYS) Lincoln 1938, Taos 1937 & 1938 (OS), Taos 1938 (KSP), Lincoln 1939, Santa Fe 1937, Otero 1936, Taos 1938 (LSU) Otero 1936, Taos 1935 & 1938, Bernalillo 1935, Lincoln 1936 & 1938, San Miguel 1936, Chaves 1937, Bernalillo 1935 (COLO), Taos 1938 (FLAS), San Miguel 1936, Chaves 1937, Taos 1938, Santa Fe 1937, Lincoln 1936 & 1938, Santa Fe 1937, Otero 1936, Bernalillo 1935 (MICH), Santa Fe 1937, Taos 1938, Nernace 1937, Lincoln 1936 & 1938, Torrance 1937, Lincoln 1936 & 1938, Otero 1936, Chaves 1937, Mora 1937 (TENN), Taos 1938, Bernalillo 1939, Santa Fe 1937, Lincoln 1938, Torrance 1937, Chaves 1938, Otero 1936 (WTU), Taos 1938 (WIS), Taos 1938 (VSC), Lincoln 1938 (WVA), Otero 1936, Lincoln 1938 (MU), Lincoln 1938, Otero 1936 (YPM)
Ivey, D.	Cibola 1998 (NMCR) Cibola 1998 (COLO)
Jackson, Mrs. Royal	Otero 1932 (BRIT)
Jacobs, B.	Sandoval 1987 (DUKE), Sandoval 1987 (UBC), Los Alamos 2003 (RM)
James, T.P.	San Miguel 1868 (F)
Jercinovic, E.	Torrance no date, Luna 2015 (NMCR)
Jones, O.	Lincoln 1938 (MO), Lincoln 1938 (NY)
Kearns, D.M.	Socorro 1995 (DUKE), Socorro 1995 (MO) Socorro 1995 (MICH)
Keeney, J.	Taos 1977 (MCTC) Taos 1977 (MO)
Keller, J.	Doña Ana 1935 (NY), Doña Ana 1935 (RM)
Kindscher, K.	Grant 2013 (SNM)
King, R.M.	Doña Ana 2004, San Miguel 2003 (MO), Doña Ana 2004, San Miguel 2003 (NY)
King, W.L.	Santa Fe 1908 (PH)
Kizirian, D.	Doña Ana 1985 (NY)
Kleinman, R.	Grant 2010 & 2011 & 2012 & 2013 & 2014 & 2015 & 2016 & 2017 & 2018 & 2019 & 2020, Catron 2010 & 2011 & 2012 & 2013
,	& 2014 & 2015 & 2016 & 2017 & 2018 & 2020, Otero 2012 & 2014 & 2019 & 2020, Santa Fe 2011 & 2019, Sierra 2011 & 2014, Hidalgo 2011 & 2012 & 2013 & 2016 & 2017 & 2018 & 2019 & 2020, Eddy 2012 & 2013 & 2014 & 2015 & 2016 & 2017 & 2019, Doña Ana 2013 & 2015 & 2017 & 2019 & 2020, Sandoval 2013 & 2019, Luna 2013 & 2016, Taos 2014 & 2015 & 2016 & 2017, Lincoln 2008 & 2014 & 2015 & 2019, Colfax 2014, Bernalillo 2015 & 2018, San Miguel 2015 & 2018 & 2019, San Juan 2016 & 2018, Cibola 2016 & 2017 & 2018 & 2019, Rio Arriba 2018 (SNM), Catron 2010 & 2011, Doña Ana 2013, Grant 2010 & 2012 & 2016, Taos 2014 & 2015, San Miguel 2019 (MO) Catron 2010 & 2011 & 2012, Grant 2010 & 2011 & 2012, Lincoln 2015, Eddy 2012, Otero 2014 (NMCR) Grant 2010 & 2011 (COLO), Grant 2011 & 2012 (UNAF), Catron 2010, Grant 2012 (UNLV)
Kroll, A.J.	Doña Ana 1999 & 2000, Sierra 1999, Lincoln no date (NMCR)
Krueger, B.	Taos 1976 (BRIT)
Ladyman, J.	Sandoval no date (NMCR)
LaManna, J.	Taos 1976 (BRIT)
Lambert, S.	Doña Ana 1979, Sierra 1979 (COLO)
Lee, D.W.	Eddy 1924 (YPM)
Leiberg, J.B.	Grant 1905 (NY)
Lesquereux, C.L.	no location or date (BM) no location or date (NY)
Lieb, C.S.	Taos 1992 (COLO)
Lightfoot, D.C.	Cibola 1991 & 1992 (COLO)
Lindley, R.	Grant 2013 & 2021 (Personal collection)
Lindsey, A.A.	Valencia 1944 &1947 & 1948 (FH) Valencia 1948 (MO)
Little, E.	Otero (mislabeled as Hidalgo) 1935 (CASC) Doña Ana 1936 (DUKE), Doña Ana 1936 (FH) Doña Ana 1934 (SNM) Doña Ana 1936 (MO) Doña Ana 1934 & 1935 & 1936, Otero 1934 (NY) Doña Ana 1936 (UBC), Doña Ana 1936 (FLAS), Doña Ana 1934 & 1936 (UNM), Doña Ana 1935 & 1936 (TENN), Doña Ana 1936 (WTU), Doña Ana 1934 & 1935 & 1936 (RM), Doña Ana 1934 & 1936 (MU), Otero 1934 (YPM)
Lodder, S.	Otero 2010 (MO)

Logan, E.	Los Alamos 1940 (WIS)
Lucas, R.	Sierra 2000 (NMCR)
MacBride, J.F.	Grant 1946 (F), Eddy 1946, Sierra 1946, Grant 1946 (F)
MacBride, T.H.	Otero 1903 (WIS)
Mahler, B.D.	Taos 1979, Rio Arriba 1979(BRIT)
Mahler, W.F.	Taos 1976 & 1974 & 1975 & 1979 & 1977 & 1959, Colfax 1959 & 1979, Mora 1979, Rio Arriba 1979, Union 1959 (BRIT), Taos 1974 & 1976, Colfax 1979 (TTC), Taos 1974 & 1976 & 1977 (UBC), Taos 1974 & 1975 & 1976 (COLO), Taos 1959 (TENN)
Majestyk, P.	Rio Arriba 1999 (DUKE) Colfax 1999 (KE) Rio Arriba 1999, Mora 1999 Colfax 1999 (MO) Mora 1999, Colfax 1999, Rio Arriba 1999 (NY)
Mathias, M.E.	Santa Fe 1929 (DUKE), Santa Fe no date (FH) Santa Fe 1929 (MO)
Maynard, J.	Otero 1997 (MO), Otero 1997 (NMCR)
McAllister, F.	Mora 1921 (BRIT), Mora 1921 (DUKE), Mora 1921, Santa Fe 1921 (FH) Taos 1921, Mora 1921 (NY)
McFarlin, J.B.	Colfax 1956 (FLAS)
McGrath, J.	Taos 2015, Santa Fe 2011 (NMCR)
McGregor, R.L.	Taos 1953 (FH), Taos 1953 (F), Taos 1953 (NY), Taos 1953 (SIU), Taos 1953 (CINC), Taos 1953 (COLO), Taos 1953 (ILL), Rio Arriba 1953, Taos 1953 (TENN), Rio Arriba 1953 & 1955 (WTU), Taos 1953 (WIS)
Menard, C.A.	Lincoln 1970 (MO), Lincoln 1970 (FLAS), Lincoln 1970 (MICH)
Merello, M.	Taos 1998 (MO) Taos 1998 (NYS)
Merrill, G.	Union 1989 (DUKE), Union 1989 (F), Union 1989 (MICH)
Metcalfe, O.B.	Grant (as Socorro) 1903, Catron 1903, Grant 1900 (DUKE), Grant 1903 (as Socorro (FH) Catron 1903 (MO) Catron 1903 (NY), Catron 1903, Otero no date (NMCR), Catron 1903 (S), Grant 1903 (COLO), Catron 1903 (YPM)
Miller, N.	Bernalillo 2001 (NYS)
Mishler, B.D.	Doña Ana 1985 (DUKE)
Mohr, C.	no location 1936 (PH)
Moran, B.	Taos 1994 (F)
Morris, C.	Taos no date (DUKE)
Nash III, T.H.	Otero 1973 (ASU)
Nelson, A.	Taos 1931 (DUKE) Mora 1931 Sandoval 1931 (FH) Sandoval 1931, Taos 1931 (MO) Sandoval 1931 (NY), Los Alamos 1931, Taos 1931 (TENN), Sandoval 1931 (RM)
Nelson, J.B.	Santa Fe 2003 (DUKE), Santa Fe 2003 (MO), Santa Fe 2003 (UNAF), Santa Fe 2003 (USCH)
Norris, B.H.	Taos 1970 (COLO)
Norris, D.	Taos 1970, McKinley 1993, Sandoval 2001, Eddy 1992, Colfax 1970, Bernalillo 1970, Torrance 2001, Sandoval 1993 (CASC), Taos 1970 Sandoval 1993(DUKE), Sandoval 2001 (CONN) Otero 1969 (SFSU) Taos 1970, Santa Fe 1993, Sandoval 1993 & 2001, Eddy 1992, Torrance 2001 (MO), Otero 1969, Taos 1970 (NY) McKinley 1993, Sandoval 1993 (NYS), McKinley 1993, Otero 1969, Taos 1970, Sandoval 1993 (UBC), Bernalillo 1970, Torrance 1970 & 2001, Taos 1970, Eddy 1992, Sandoval 1993 & 2001, Colfax 1970, Otero 1969 & 1970, McKinley 1993 (UC), Colfax 1970 (COLO), Otero 1969 (FLAS), Otero 1969, Taos 1970 (MICH), Sandoval 1993, Eddy 1992, Taos 1970 (TENN), Otero 1969, Eddy 1992, Taos 1970 (WTU), Sandoval 1993 & 2001 (UNLV)
Norris, W.R.	Catron 2010, Grant 2015 (SNM)
Nutter, M.	Santa Fe 1953, Sandoval 1953 (FH), Sandoval 1953 (MO), Sandoval 1953 (MICH), Sandoval 1953 (TENN), Sandoval 1953 (WTU)
O'Byrne, S.L.	Colfax 1934 (MO)
Ogle, W. (Bill)	Taos 1938, San Miguel 1936, Otero 1936 & 1938, Lincoln 1936 & 1938, Sante Fe 1937 (MO)
Orcutt, C.R.	Lincoln 1926 (PH) Guadalupe 1926 (DUKE), Otero 1926, Santa Fe 1922 & 1926, Guadalupe 1926, San Miguel 1926, Mora 1921 (FH), Guadalupe 1926, Santa Fe 1926 (NY)
Palmer, E.	no location 1869 (FH) no location 1869 (NY) no location 1869 (US)
Park, H.	Otero 1934 (ISC)
Parry, C.C.	Doña Ana? 1851 (FH)
Payne, J.	Colfax no date (US)
Pennock, L.	Sandoval 1962 (COLO)
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Perley, A.	Santa Fe 1945 (BRIT), Taos 1946, Santa Fe 1945 (ISC) Taos 1946, Santa Fe 1945 (NY), Santa Fe 1945 (MICH), Taos 1946 (WTU)
Pierce, M.E.	Otero 1939 (DUKE), Bernalillo 1959 (MO), Bernalillo 1939, Taos 1949 (NY), Bernalillo 1939 (MICH)
Pilsbry, Henry A.	Lincoln 1922, Otero 1922 (PH) Lincoln 1922 (NY), Lincoln 1922 (TENN)
Porter, C.L.	Mora 1931 (RM)
Preece Jr., S.J.	Catron 1951 (BRIT), Catron 1951 (DUKE), Catron 1951 (F) Catron 1951 (MO)
Proctor, V.W.	San Miguel 1960 (MICH)
Purpus, C.A.	Cibola? 1926 (FH)
Pursell, Ronald A.	Mora 1957 (PH), Taos 1958, Mora 1957 (DUKE), Union 1957, Harding 1957 (FH) Harding 1957 (USU) Taos 1958, Union 1957, Mora 1957, Harding 1957, Otero 2010 (MO) Taos 1958 (NY) Union 1957, Harding 1957, Taos 1958, Mora 1957 (COLO), Harding 1957 (MICH), Mora 1957, Taos 1958 (TENN), Taos 1958, Mora 1957 (WTU), Harding 1957 (WIS)
Rakestraw, L.	Grant 1935 & 1938 (WTU)
Rankin, T.K.	Taos 1977 (BRIT) Taos 1977 (COLO)
Read, A.D.	Catron 1914 (NY), Catron 1900 (US), Catron 1913 (RM)
Reese, W.D.	Otero 2000, Eddy 1994 (MO), Eddy 1994 (NY), Otero 2000 (S)
Rehn, J.A.G.	Otero 1902
Reid, W.	Otero 1976 (MO), Otero 1976 & 1977, Doña Ana 1980 (COLO)
Reif, B.P.	Sandoval 2002 (NY), Sandoval 2002, Rio Arriba 2002 (UNM), Rio Arriba 2002, Sandoval 2002 & 2003, San Miguel 2003 (RM)
Richards, Donald	San Miguel 1939 (PH), San Miguel 1939 (MIN), San Miguel 1939 (CASC), San Miguel 1939 (DUKE), San Miguel 1939 (FH), San Miguel 1936 & 1939 (F), San Miguel 1939 (ISC), San Miguel 1939 (MO), San Miguel 1939 (NY), San Miguel 1939 (OS), San Miguel 1939 (LSU), San Miguel 1939 (UBC) San Miguel no date [but I bet it's 1939](CINC), San Miguel 1939 (COLO), San Miguel 1939 (ILL), San Miguel 1939 (MICH), San Miguel 1939 (NEB), San Miguel 1939 (UNM), San Miguel 1939 (TENN), San Miguel 1939 (WTU), San Miguel 1939 (WIS)
Richmond, S.	Catron 1998 (NMCR)
Ricketson, J.	Grant 1988 (MO)
Rogers, K.E.	Taos 1976, Santa Fe 1976 (BRIT), Taos 1976 (MO)
Romig, K.	Sandoval 2009 & 2010 (SNM) Sandoval 2009 & 2010, Doña Ana 2009 Taos 2014 (MO) Sandoval 2010 (NY) Sandoval 2009 & 2010, Lincoln 2010, Doña Ana 2009 & 2010 (NMCR)
Rose, J.N.	San Miguel 1913 (US)
Rosentreter, R.	Otero 2001 (SRP), Otero 2001 (CONN)
Rothrock, J.T.	Santa Fe 1874 (US)
Rousseau, J.	Sandoval 1932 (FH)
Rusby, H.H.	Grant no date (FH), Grant no date (NY) Catron no date (NY)
Ryan, B.D.	San Miguel 1986 (ASU)
Sargent, M.L.	Doña Ana 2010, Otero 2010 (CASC), Otero 2010, Doña Ana 2010 (ILL)
Schofield, W.B.	Santa Fe 1989 & 1991, Taos 1989 (DUKE), San Miguel 1991 (F) Santa Fe 1989 (MO), Santa Fe 1989 & 1990 & 1991, Bernalillo? 1938, Taos 1990 (UBC)
Schuster, R.M.	Eddy 1982, Grant 1979 (F)
Schutz, E.D.	Otero 1920 (DUKE)
Sears, P.B.	Taos 1972 (TENN)
Sharp, A.J.	San Miguel 1936 (MO), Mora 1940 (COLO)
Shaw, J.	Santa Fe 2000 & 2001, San Miguel 2001, Grant 1985, Bernalillo 2001(DUKE), Santa Fe 2000 & 2001, Bernalillo 2001, San Miguel 2001, Catron 1985, Grant 1985 (MO) Sante Fe 2000, Bernalillo 2001 (MDKY), Santa Fe 2000, Bernalillo 2001 (S)
Shevock, J.	Sandoval 2001, Torrance 2001 (CASC) Sandoval 2001 (F) Sandoval 2001 (SNM), Sandoval 2001 (MO) Sandoval 2001 (NY)
Shields, L.M.	San Miguel no date (ISC)
Shimek, Bohumil	Otero 1903 (PH), Otero 1903 & 1905 (DUKE) Otero 1903 & 1904 & 1905 (ISC), Otero 1904 & 1905 (NY), no location 1904, no location 1929 (SIU), Otero 1903 & 1905 (MICH)
Shultz, L.M.	Catron 1974 (BRIT) Catron 1974, Grant 1974 (USU) Catron 1974 (MO), Catron 1974 (NY) Grant 1974, Catron 1974 (COLO), Catron 1974 (WSCO)

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Shushan, S.	Otero 1968 (BRY), Bernalillo 1956, Valencia 1956 (DUKE) Taos 1956 Bernalillo 1956 (FH) Valencia 1956, Bernalillo 1956 (USU) Bernalillo 1956 (ISC), Valencia 1956, Bernalillo 1956 (NY), Bernalillo 1956 (S), Bernalillo 1956, Socorro 1956, Sierra 1957, Mora 1957, Taos 1956 (COLO), Bernalillo 1956 (ILL), Bernalillo 1956 (WTU), Taos 1956, Valencia 1956, Bernalillo 1956 (MU)
Sivinski, R.C.	Taos 2001 & 2013, San Juan 1997, Torrance 1999, Socorro 2001, Sierra 1997, Colfax 1998, Rio Arriba 1997 & 1998 & 2001, Otero 1998, McKinley 1998 (NMCR) San Juan 1997 (COLO)
Snow, "Miss L.M."	Taos 1936 (COLO)
Spessard, L.	Lincoln 1979 (NEBK)
Standley, P.C.	Rio Arriba 1914, San Miguel 1914 & 1908, Santa Fe 1908 (MIN), San Miguel 1908 (TRH), Colfax 1911 & 1916, Rio Arriba 1914, San Miguel 1908, Mora 1908, Eddy 1908, Santa Fe 2008 (DUKE), Rio Arriba 1914, Colfax 1916, Santa Fe 1908, Eddy 1924 (FH) Colfax 1916 (F) Colfax 1906 & 1916, Rio Arriba 1911 & 1914, San Miguel 1908 (MO) San Miguel 1908, Rio Arriba 1914, Santa Fe 1908, San Juan 1911, Colfax 1911 & 1916 (NY) Mora 1908 (NMCR) Mora 1908 (SIU), Colfax 1916 (S) Colfax 1916, San Miguel 1908, Union 1911, Rio Arriba 1914, Santa Fe 1908 (US), Mora 1908, San Miguel 1908 (UBC) San Miguel 1908 (COLO), San Miguel 1908 (FLAS), San Miguel 1908 (ILL), San Juan 1911, Mora 1908 (WTU), Mora 1908 (WIS), Rio Arriba 1914, Mora 1908, Colfax 1916, San Miguel 1908 (YPM)
Stark, L.R.	Doña Ana 1981 (DUKE), Doña Ana 1978 & 1979 & 1980 & 1981 & 1984 (MO), Doña Ana 1981 (NY), Doña Ana 1979 & 1980 (UNLV)
Stern, R.C.	no location 2000 (BM)
Steuberry, I.J.	Otero 1936 (WTU)
Stevens, D.	Grant 2011 (SNM)
Stoneburner, A.	Eddy 1979 (DUKE), San Miguel 1973 (COLO)
Stubben, C.	Doña Ana 1999 (NMCR)
Studhalter, R.A.	San Miguel 1933 & 1934 & 1935 & 1936, Lincoln 1934 (DUKE), San Miguel 1933 & 1936 (MO), San Miguel 1934, Taos 1934 (SIU), San Miguel 1932 & 1933 & 1934 & 1935 & 1936 & 1939 & 1954, Lincoln 1934, Taos 1936, Sandoval 1926, Colfax 1934 (COLO), San Miguel 1934 (YPM)
Sullivant, W.S.	Santa Fe no date (FH) no location 1865, no location 1857, Santa Fe no date (MO), Santa Fe no date (NY)
Talbot, S.S.	Sandoval 1979 (DUKE)Grant 1980 (FH) Doña Ana 1980, Grant 1980, Sierra 1980, Luna 1980, Bernalillo 1979 & 1980 (MO) Sierra 1980, Grant 1980, Doña Ana 1980 (NY), Sandoval 1979, Bernalillo 1979, Taos 1979, Doña Ana 1980 & 1981, Sierra 1980, Grant 1980, Torrance 1979, Luna 1980 (UBC), Doña Ana 1980, Torrance 1979, Grant 1980, Sierra 1980 (MICH), Doña Ana 1980 (TENN)
Todsen, T.K.	Otero 1985, Doña Ana 1958 & 1985, Catron 1990 (incorrect as Hidalgo) (BRIT), Hidalgo 1990 (DUKE), Doña Ana 1980 & 1981, Sierra 1980, Hidalgo 1990, Catron 1990 (incorrect as Hidalgo) (MO) Doña Ana 2001 & 2003, Otero 2003 & 2004 & 2005, Sierra 2001, Grant 2004, Socorro 2003, Luna 2002 & 2004 (NMCR), Sierra 1980, Doña Ana 1980 (UBC)
Ubelaker, J.	Rio Arriba 1990 & 1991 & 1992 (BRIT)
Umbach, L.M.	unspecified (DUKE)
Vaarama, A.	Otero (prob incorrect as Lincoln) 1964 (MO)
Valentine J.M.	Otero 1973 (MO)
van der Werff, H.	Taos 2010 (CASC) Taos 2010 & 2012 & 2014 & 2016, Colfax 2010, Mora 2010, Rio Arriba 2007 & 2010 & 2013, Grant 2013 (MO) Rio Arriba 2010 (NY), Rio Arriba 2013 (UBC)
Viereck, H.L.	Otero 1902 (PH)
Vitt, D.H.	San Miguel 1991 (F) San Miguel 1991 (MO) San Miguel 1991 (NY), San Miguel 1991 (SIU), San Miguel 1991 (UBC)
Voth, P.D.	Taos 1936 (DUKE), San Miguel 1936, Taos 1936 (MO), San Miguel 1936 (NY) San Miguel 1936 & 1937 & 1938, Taos 1936, Santa Fe 1936 (COLO)
Vreeland, F.K.	Rio Arriba 1900 (NY)
Wade, D.	McKinley 2014, Cibola 2014 (SNM)
Waller, F.R.	Colfax 1965, Taos 1965 (MO), Taos 1965 (COLO)
Waterfall, U.T.	Eddy 1945 (MO)
Weber, L.	Sandoval 1963 (MO), Sandoval 1963 (COLO), Bernalillo 1963 (TENN)
Weber, W.A.	Sierra 1957 (DUKE) San Miguel 1973, no location 1973 (F), Bernalillo 1956 (MSC), Sandoval 1963, Grant 1963, San Miguel 1973, Otero 1964, Sierra 1957 (MO), Sandoval 1963, Sierra 1957, Otero 1964, San Miguel 1973 (NY), San Miguel 1973 (SIU), San Miguel 1973 (ALA) San Miguel 1973 (UBC), San Miguel 1973, Grant 1963, Bernalillo 1956 & 1966, Los Alamos 1980, Lincoln 1960, Luna 1992, Sierra 1957, Valencia 1956, Doña Ana 1981, Otero 1964 & 1970, Sandoval 1980, Taos 1956 (COLO) San Miguel 1973 (FLAS), Sierra 1957, San Miguel 1973 (MICH), San Miguel 1973, Sierra 1957 (TENN), San Miguel 1973 (WTU)
Weed, G.	San Miguel 1974 (BRIT)
Weiss, R.	Otero 2010 (MO)

West, R.	Eddy 2017 (SNM)
Westling, A.W.	Otero 1968 (MO)
Whipple, S.A.	Union 1971 (LSU)
Whitehouse, E.	Otero 1942 & 1940 & 1937, Lincoln 1932, San Miguel 1933, Doña Ana 1932(BRIT), Doña Ana 1932, Otero 1932 & 1942, Lincoln 1932 (DUKE) San Miguel 1932 & 1933 (FH) Otero 1942 (ISC) Doña Ana 1932, Lincoln 1932 (MO), Otero 1942 (NY) Grant 1997, Otero 1942 (COLO), Otero 1940 (TENN), Otero 1942 (WTU)
Whiteman, K.	Grant 2013 (SNM)
Whittemore, A.	Santa Fe 1979 (CASC), Grant 1997 (F) Grant 1997 (MO) Grant 1997 (CINC), Grant 1997 (TENN)
Wiens, D.	Catron 1962 (COLO)
Wilkens, Hans	Eddy 1932, Lincoln 1932, Guadalupe 1932 (PH) Eddy 1932, Lincoln 1932(FH)
Williams, M.	Lincoln 1973 & 1974 (NEBK)
Winston, P.	San Miguel 1959 (DUKE), San Miguel 1959 (MO) San Miguel 1959 (NY) San Miguel 1959 (COLO), San Miguel 1959 (MU)
Wooton, E.O.	Socorro (prob. now Catron) 1900, Bernalillo 1910, Taos 1910, San Miguel 1910, Lincoln 1908 (MIN), Lincoln 1908 (BRIT), Lincoln 1908 (CASC), Taos 1910, Sandoval 1910, Lincoln 1895 & 1897 & 1907, Otero 1899, Doña Ana 1899, Socorro (prob. now Catron) 1900, Bernalillo 1910 (DUKE) Lincoln 1891 & 1895 & 1897 & 1908, Doña Ana 1893, Sandoval 1910, Otero 1899 (FH), Taos 1910 (F), Lincoln 1908 (ISC), Lincoln 1894 & 1895 & 1907 & 1908, Bernalillo 1910, Otero 1899 (MO) Lincoln 1891 & 1895 & 1897 & 1907 & 1908, Otero 1899, Doña Ana 1892 & 1893 & 1897 & 1893 & 1899, Sandoval 1910, Taos 1910, Catron 1900 (NY) Lincoln no date (NMCR), Lincoln 1897 & 1908 (SIU), Lincoln 1908, Sandoval 1910, Socorro 1900, San Miguel 1910, Taos 1910 (US) Catron 1900 (UBC) Lincoln 1907 & 1908 (COLO), Lincoln 1908 (ILL), Lincoln 1891 & 1895 & 1908, Doña Ana 1893 (MICH), Lincoln 1908 (NEB), Lincoln 1908 (TENN), Lincoln no date (VT), Lincoln 1891 & 1908, Catron 1900 (WTU), Taos 1910, Catron 1900, Lincoln 1897 & 1908, Otero 1899, Sandoval 1910, Doña Ana 1892 & 1893 & 1897 (YPM)
Worthington R.D.	Luna 1978 & 1979, Otero 1979 & 1980, Lincoln 1980, Doña Ana 1981 (BRIT), Sandoval 2009, Otero 2007, Otero 2008, Catron 2004, Lincoln 2005, Eddy 2007 (CASC), Lincoln 2008, Eddy 2007, Otero 2007 (SFV-B), Otero 2001 & 2002& 2005 & 2007 & 2008, Taos 2004, Eddy 2007, Hidalgo 2003 & 2004, Lincoln 2001 & 2005 & 2008, Sandoval 2009, Luna 1996, Doña Ana 1996, Catron 2004 (DUKE), Luna 1979 (TTC), Lincoln 2001, Catron 2004, Rio Arriba 2004 (CONN), Hidalgo 1997, Lincoln 1995 & 1996 & 2006 (SNM) Lincoln 2005, Otero 2003 & 2007, Taos 2004, Catron 2004, Hidalgo 2003, Rio Arriba 2004(KE) Eddy 2000 & 2002, Otero 1996 & 2000 & 2001 & 2002 & 2003 & 2005 & 2007 & 2008, Rio Arriba 2004, Lincoln 2001 & 2002 & 2005 & 2006 & 2007, Catron 2004, Guadalupe 2000, Grant 2000 (MO) Luna 1996, Hidalgo 2003 & 2004, Luna 1991 & 1996, Doña Ana 1981, 1992 & 1996, Catron 2004, Guadalupe 2000, Grant 2000 (MO) Luna 1996, Hidalgo 2003 & 2004, Eddy 2000 & 2007 & 2010, Otero 1996 & 2001 & 2002 & 2003 & 2005 & 2007 & 2008, Catron 2004, Lincoln 1984 & 1996 & 2001 & 2002 & 2005 & 2006 & 2008, Taos 2004, Doña Ana 1981 & 1996, Sandoval 2009, Rio Arriba 2004 & 2010 (NY) Eddy 2000 & 2007 & 2010, Grant 2000, Lincoln 1996 & 1997 & 2001 Local 2002 & 2005 & 2006 & 2007 & 2008, Catron 2004, Otero 1996 & 1997 & 2001 & 2005 & 2006 & 2007 & 2008, Catron 2004, Otero 1999 & 1999 & 2000 & 2010, Otero 1980 & 1999 & 2003 & 2010 & 2014, Doña Ana 1995 & 1990 & 1997 & 2002, Hidalgo 1992 & 1993 & 1996 & 1997 & 1998 & 2003, Taos 1998 & 2004, Socorro 1997, Catron 2004, Luna 1984 & 1991 & 1992, Grant 1990 & 1992, Lincoln 2005 & 2006 & 2007, Sierra 1995 & 1996, Rio Arriba 2004 (NMCR), Lincoln 2001, Doña Ana 1995 & 1996, Otero 1996, Eddy 2000, Sierra 1995 (SIU), Taos 2004, Catron 2004, Rio Arriba 2004, Lincoln 2006 (UBC) Rio Arriba 2004, Otero 1996, Eddy 2000, Sierra 1998 & 2003, Suoto & 2001, Rio Arriba 2004, Catron 1981 & 2004 & 2009, Sierra 1983 & 1985 & 1995 & 1996, Eddy 1998 & 1999 & 1992 & 1999 & 1999 & 2001 & 2001 & 2002 & 2005 & 2006 & 2007 & 2001, Rio Arriba 2004, Catron
Wright, C.	near El Paso no date (PH), no location 1851, listed as Santa Fe 1963, no location 1851(FH), no date or location (F) no date or location (ISC) no date or location, "near" Santa Fe 1865 (MO), no location or date (BM), no location no date, Santa Fe no date, near El Paso no date (NY) no location no date, Santa Fe 1893 (S) no location no date (US), Santa Fe no date, no location no date (COLO), no date no location, 1865 no location (MICH), no date no location, Santa Fe no date (NEB), no location no date (TENN), no location no date (VT), no location no date (WTU), no location no date (WIS), no location no date (MU), no location no date (YPM)
Wynhoff, J.T.	San Juan 1972 (COLO)
Yamanouchi, K.J.	Taos 1977 (BRIT), Taos 1977 (COLO)
Zander, R.H.	Otero 1984 (DUKE), Eddy 1986, Otero 1984, Rio Arriba 1993 (MO) Eddy 1986 (NY)
Zimmerman, A.D.	Grant 1993 (MO)